

Alquist-Priolo Earthquake Fault Zones

Earthquake Fault Zones

- San Andreas-North Golden Gate
- San Andreas -- Peninsula
- San Andreas -- Santa Cruz
- Rodgers Creek
- North Hayward
- South Hayward
- Northern Calaveras
- Central Calaveras
- Sargent
- Maacama
- West Napa
- Concord/Green Valley
- Greenville
- Northern San Gregorio

Water



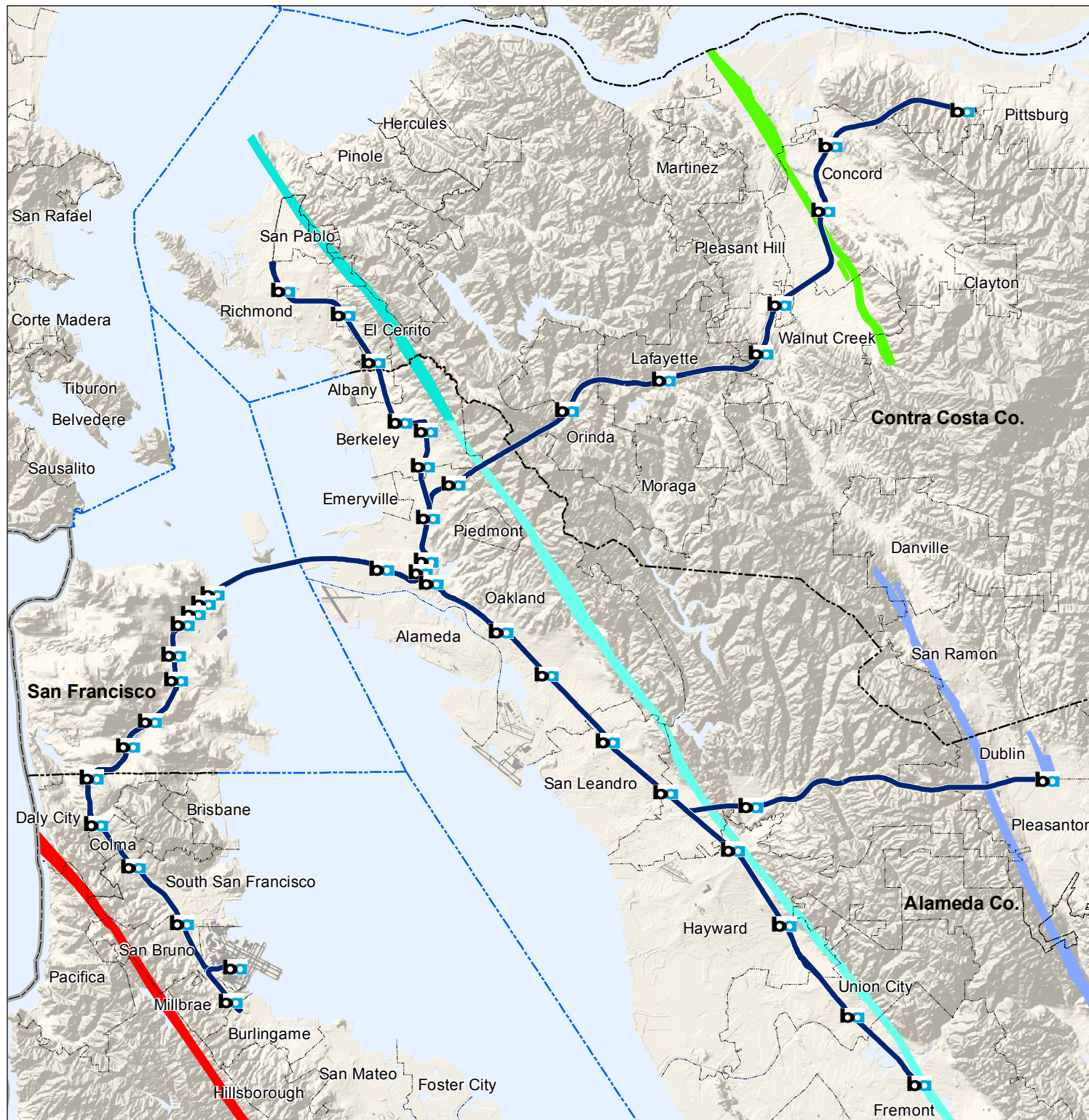
Scale: 1 inch equals 4.56 miles

Reproduced with permission, California Geological Survey from CD-ROM 2001-04 (2001), Official Map of Alquist-Priolo Earthquake Fault Zones

This interactive map was created using digital files of AP EFZ quadrangles and is considered an electronic facsimile of the Official Alquist-Priolo Earthquake Fault Zone map. If there is any doubt or conflict with respect to the location of EFZ boundaries, the original clear-film overlay compiled by and on file with CGS is the official version of the map. Fault information in these digital files is not sufficient to serve as a substitute for the geological site studies required under Chapter 7.5 of Division 2 of the California Public Resources Code.

For more information visit:
<http://www.consrv.ca.gov/CGS/rghm/ap/>

This map is available at:
<http://quake.abag.ca.gov/>



Level of Earthquake Hazard

These regions are distant from known, active faults and will experience lower levels of shaking less frequently. In most earthquakes, only weaker, masonry buildings would be damaged. However, very infrequent earthquakes could still cause strong shaking here.

Water



Scale: 1 inch equals 4.58 miles

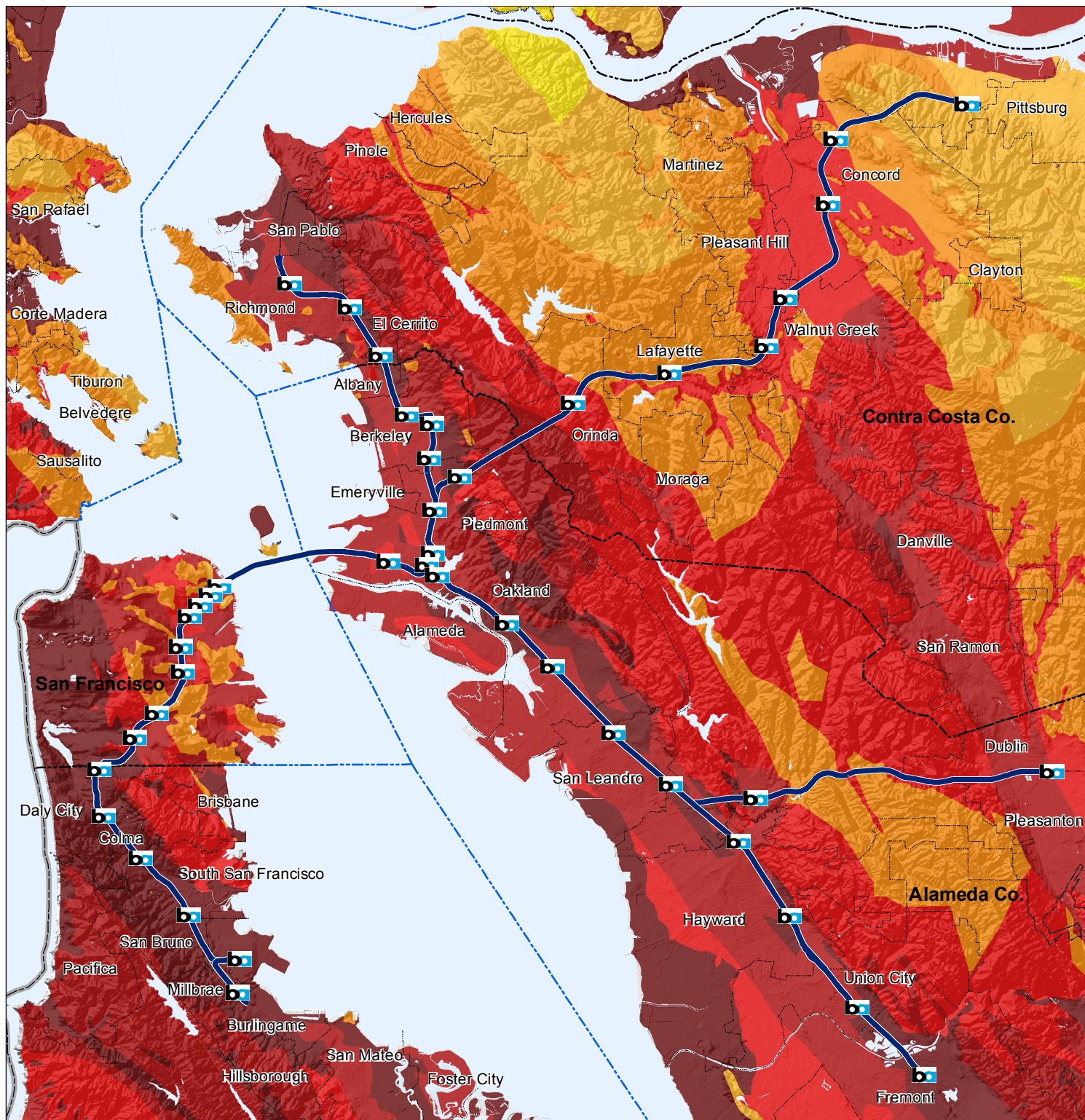
Source:
This interactive map is a derivative of the Probabilistic Seismic Hazard Map that was produced by the California Seismic Safety Commission, California Geological Survey, California Office of Emergency Services and US Geological Survey, 2003

The colors on this map have been changed from the original map. For more information visit:
<http://www.consrv.ca.gov/CGS/rghm/psha/>

This map is intended for planning use only and is not intended to be site-specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community.

This map is available at <http://quake.abag.ca.gov/>

ABAG® Geographic Information Systems



Liquefaction Susceptibility Map

Susceptibility Level



Scale: 1 inch equals 4.44 miles

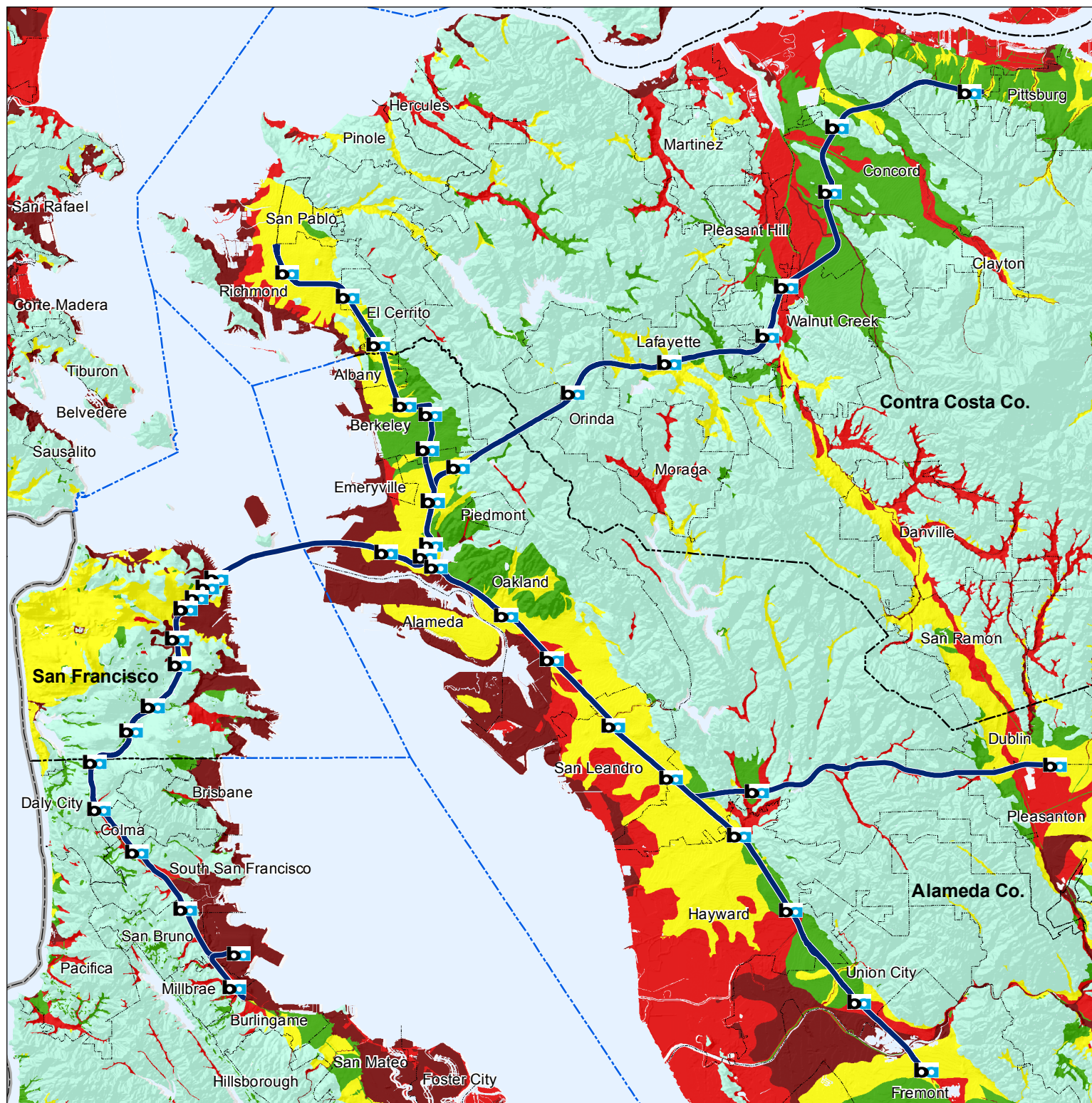
This map is intended for planning use only and is not intended to be site-specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community. More detailed maps are needed for site development decisions.

This map is available at
<http://quake.abag.ca.gov>

Source:
 This map is based on work by William Lettis & Associates, Inc. and USGS.
 USGS Open-File Report 00-444, Knudsen & others, 2000




For more information visit:
<http://geopubs.wr.usgs.gov/open-file/of00-444/>

Map Prepared by the ABAG Earthquake Program.
 April 2004.



FEMA Flood Hazard Areas

Flood Hazard Areas

-  Zone V- (100 yr. Flood Zone)
-  Zone A- (100 yr. Flood Zone)
-  Zone X500- (500 yr. Flood Zone or other concerns)

 Urbanized Area

Shaded to show topographical relief

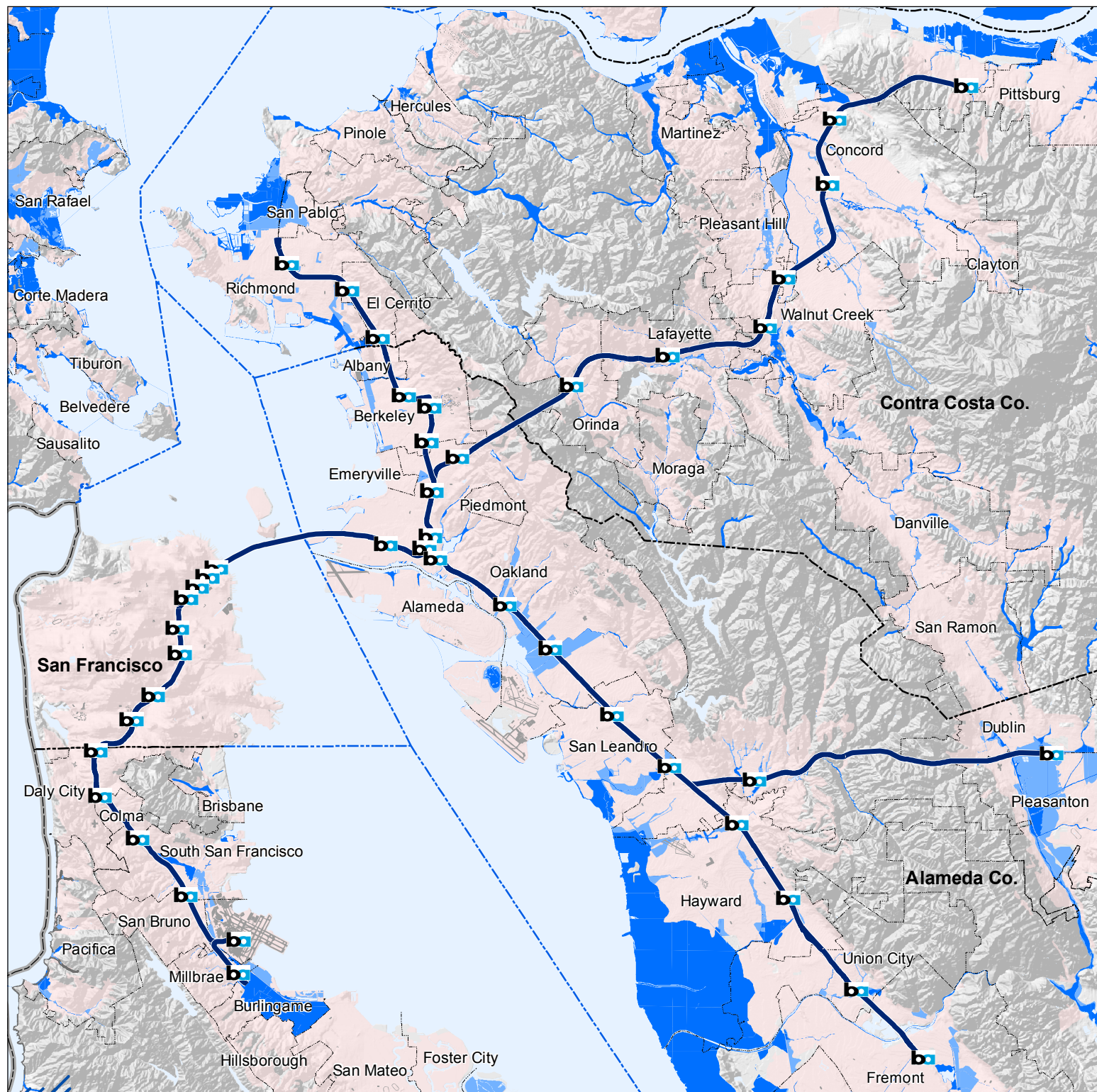
Detailed FEMA Explanation

Flood Zone	Description
Zone V	This code identifies an area inundated by 1% annual chance flooding with velocity hazard (wave action).
Zone A	This code identifies an area inundated by 1% annual chance flooding.
Zone X500	This code identifies an area inundated by 0.2% annual chance flooding; an area inundated by 1% annual chance flooding with average depths of less than 1 foot or with drainage areas less than 1 square mile; or an area protected by levees from 1% annual chance flooding.



Scale: 1 inch equals 4.47 miles

Source: FEMA Q3 Flood Data and ABAG.
The Q3 Flood Data do not replace the existing hardcopy FIRM, or, if one exists, Digital FIRM product. The product has been designed to support planning activities.
A more detailed version of this map is available at <http://quake.abag.ca.gov>



Summary Distribution of Slides and Earth Flows in the San Francisco Bay Region

- Mostly Landslides
- Many Landslides
- Flatland
- Few Landslides
- Very Few Landslides



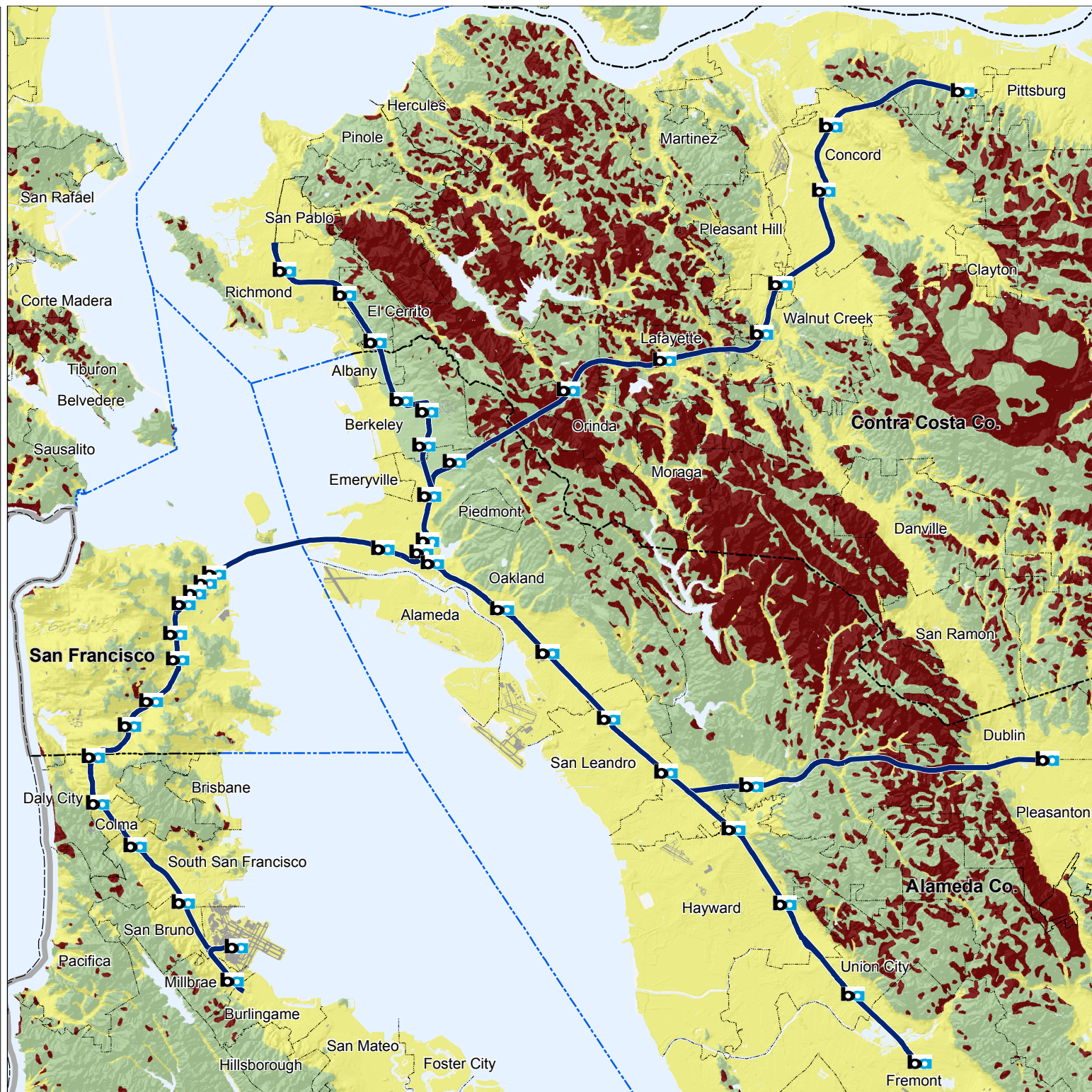
Scale: 1 inch equals 4.45 miles

This map is intended for planning use only, and is not intended to be site-specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community.

This map is available at <http://quake.abag.ca.gov>

For more detailed information regarding this map, please visit the USGS website at <http://wrgis.wr.usgs.gov/open-file/of97-745/>

Source:
USGS Open File Report 97-745 E, 1997



Fire Threat in the San Francisco Bay Region



1 inch equals 4.44 miles

This map focuses on wildland fuels in State Responsibility Areas, that is, where the California Department of Forestry has primary jurisdiction for wildland fire response. Local fire jurisdictions may have identified additional fire hazard areas, especially in communities adjacent to wildland.

This map is intended for planning use only and is not intended to be site-specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community.


This map is available at
<http://quake.abag.ca.gov>


Combines expected fire frequency with potential fire behavior to create 4 threat classes

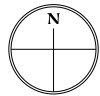
Source:
 California Department of Forestry
 and Fire Protection, 2003



Wildland Urban Interface - Fire Threatened Communities

 Community at Risk

 Urbanized Area



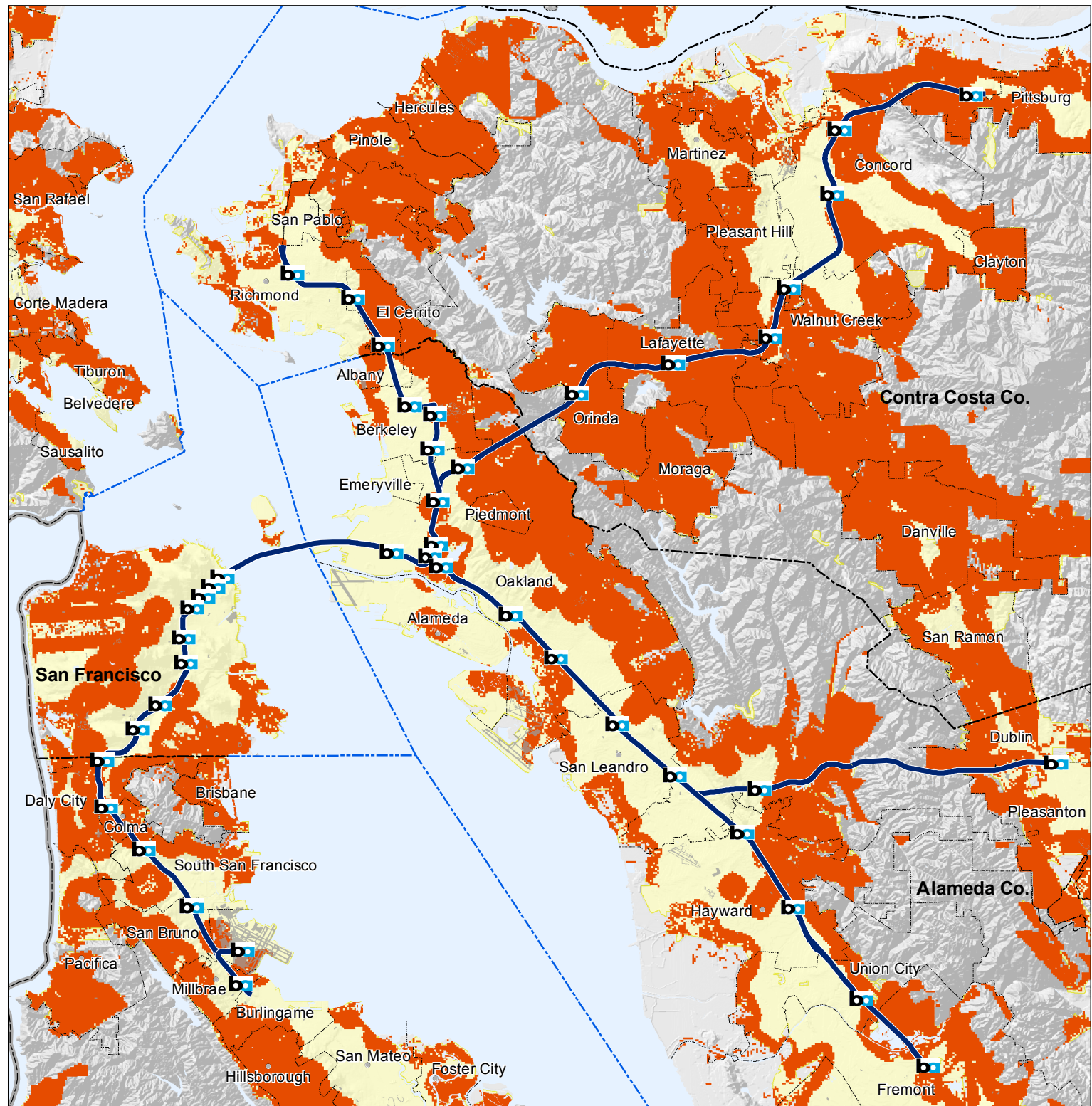
1 inch equals 4.47 miles

Local fire jurisdictions may have identified additional fire hazard areas, especially in communities adjacent to wildland.

This map is intended for planning use only and is not intended to be site-specific. Rather, it depicts the general risk within neighborhoods and the relative risk from community to community.







This map is available at
<http://quake.abag.ca.gov>

Source:
California Department of Forestry
and Fire Protection, 2003



Dam Failure Inundation Areas

Areas that can be inundated by any one of:

-  5 different dams
-  4 different dams
-  3 different dams
-  2 different dams
-  1 dam only
-  Urbanized Area
-  Dam Location

Shaded to show topographical relief



Scale: 1 inch equals 4.44 miles

This map is intended for planning use only and is not intended to be site specific. Rather it depicts the general risk within neighborhoods and the relative risk from community to community.

This hazard map is generalized from maps dam owners are required to prepare and file with the State Office of Emergency Services.

Source: ABAG, 1995

This map is available at
<http://quake.abag.ca.gov>

